### Jim Barrett - Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

From:

Janet Bruce

To:

Barrett, Jim; Ruiz, Alex

Date:

7/24/2007 8:32 AM

Subject:

Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

CC:

Boekamp, Patti; Hawk, Rob; Qsar, George; Ruhi, Hossein

Jim/Alex - The customer had not given an address when I initially spoke to him. I called Customer Service and there is an account with that last name at 5703 Soledad Mountain Road. I called Rob Hawk and provided this information to him.

Janet

>>> Rob Hawk 7/24/2007 7:52 AM >>>

I'll go by this morning on my way back from Alta La Jolla, about 10AM. Do we have a specific address? Or some photos?

Rob

Robert N. Hawk, PE Senior Engineering Geologist/Deputy City Engineer City of San Diego, Engineering and Capital Projects Field Engineering Division, MS 18 9485 Aero Drive San Diego, CA 92123 (858) 573-5011 (858) 627-3297 (Fax) rhawk@sandiego.gov

Working Together to Engineer a Better Tomorrow

>>> George Qsar 7/24/07 6:37 AM >>> No, I'm not aware of this. George

>>> Hossein Ruhi 07/24/2007 6:07 AM >>>
Are aware of this situation ? lets talk , we should visit the site

>>> Patti Boekamp 07/23/2007 3:59 PM >>>

We have Rob Hawk, a Senior Geologist - he may have even been here when Desert View had to be pinned back to the hillside....I was out late last week, so perhaps you already got someone to have Rob go take a look.

Patti

>>> Jim Barrett 7/19/2007 10:27 AM >>>

Alex - we need to chat about this before I call Mr. Crabbe back... I believe that this is about to become another Caminito Avola and the proximity to Desert View only exacerbates the concern. A three inch drop in four months is not normal... even for trench subsidence. jim

Jim Barrett, P.E.
Director, Water Department
City of San Diego
600 "B" Street, Suite 1300, MS 913
San Diego, CA 92101-4588
O: 619.533.7555
F: 619.533.7593
jbarrett@sandiego.gov

>>> Janet Bruce 7/19/2007 10:23 AM >>>

Jim, Mr. Tom Crabbe (619) 997-4359 called asking to speak to you regarding concerns that he and his neighbors have.

Emergency work was done last night by the Water Department. The crew did a great job. However, he and his neighbors are very concerned because something is going on in the area. The street that was patched last March has separated and the street appears to have dropped 3 inches. He believes the City just plans to repatch the street. They feel the ground may be shifting which may have caused the break last night. There was major damage in the past on Desert View Drive (to 4 homes) which is below their street. They feel that the City should send out a geologist to see if something is happenings in the area, before any major damage occurs.

He would like someone to call him back regarding their concerns.

Janet

From:

Patti Boekamp

To: Date: Hossein Ruhi

Subject:

7/24/2007 1:09:29 PM Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

speaking of that....been meaning to suggest that we ensure he has someone under him in an appropriate classification to be training to take his place someday....this is a fairly critical assessment position that we need to ensure continuity of over time.....

### Patti

>>> Hossein Ruhi 7/24/2007 12:50:03 PM >>> Thanks Rob , great job.

>>> Rob Hawk 07/24/2007 12:34:26 PM >>>

Hossein, Jim, & Patti: I visited the site this morning. After examining the repair and the pavement crack, as well as surrounding improvments, I concluded that there was no discernable evidence for a major landslide. It is still possible that some large-scale movement has taken place, but I would expect to see more movement reflected in the street, curb, gutter and sidewalk, as well as utility lines. Except for the asphalt patch and tear in the paving, the street only exhibited only typical minor cracking in the pavement which was likely from shrinkage. No evidence of movement was observed in the curb, gutter & sidewalk.

The crack in the street, located approximately 50 feet to the north of a repair patch, appears to be caused by settlement of the paving section along the utility trench, likely sewer but close to where I guessed the water line to be. It is my understanding that the water main has had a previous major leak along this section, and that water penetrated the sewer trench. It may be prudent to pothole the portion of the pavement that is sinking to evaluate whether or not a void exists underneath, prior to adding additional patching material.

I spoke with Mr. Crabbe regarding his concerns. As a long term resident, he has heard the various stories associated with large scale earth movement on Soledad Mountain & Desert View Drive. He said his concerns were alliviated due to my visit. He said he and his neighbors were also concerned about the effect on traffic due to the offset in the tear, as well as the roughness of the patch, and was hoping that further repairs could be made to smooth the road.

If you have any questions, please contact me.

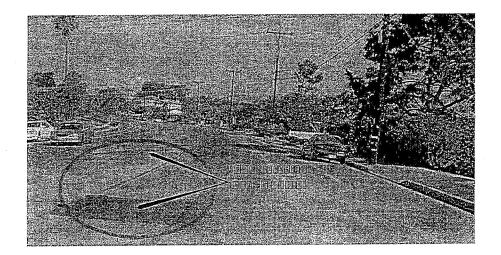
### Rob Hawk

PS: I have also attached two photos from the historic 1960 landslide that occurred between the 5600 blocks of Soledad Mountain and Desert View Drive during construction of the subdivision, as an FYI since you may not remember it;). The photos were taken from the north looking south; Soledad Mtn. Road is on the right. The house in the photo that perches on the edge of the slide was rehabilitated and currently exists. The remaining homes were destroyed and the subdivision completely regraded to create a bench which is currently the "even" side of Desert View Drive.

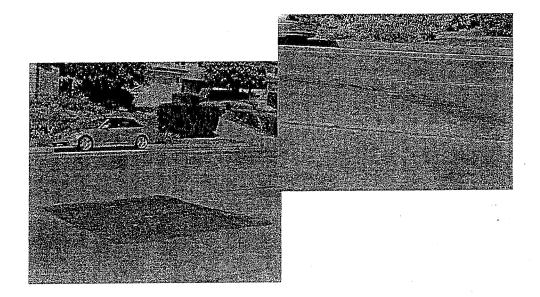
### Rob

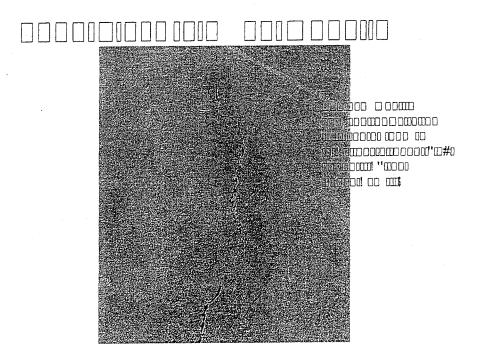
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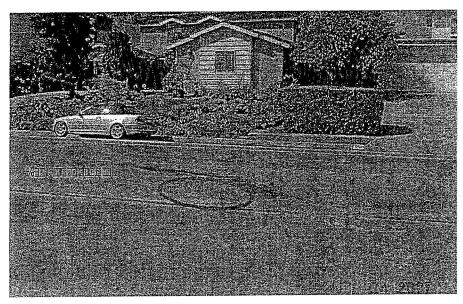






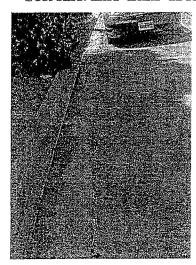






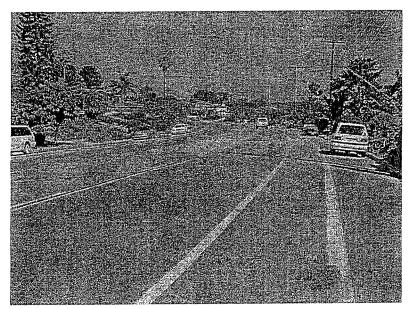


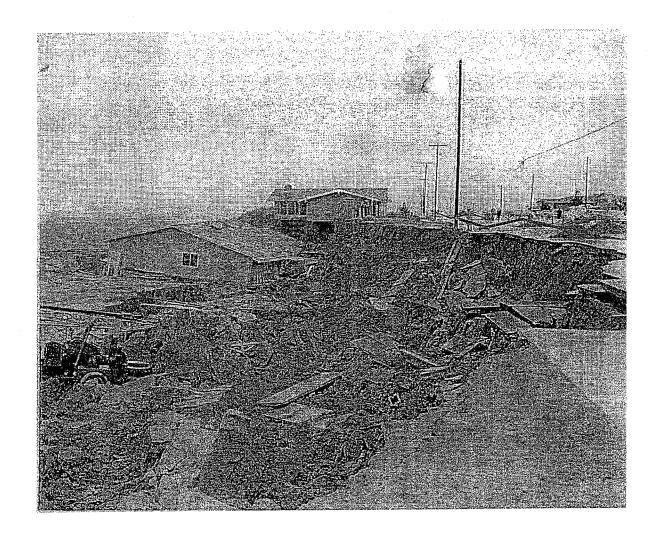


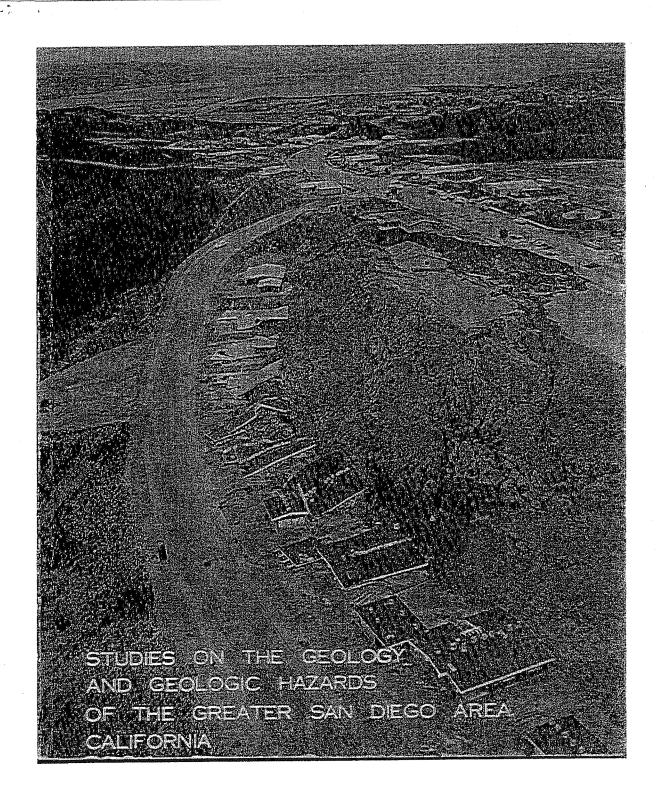


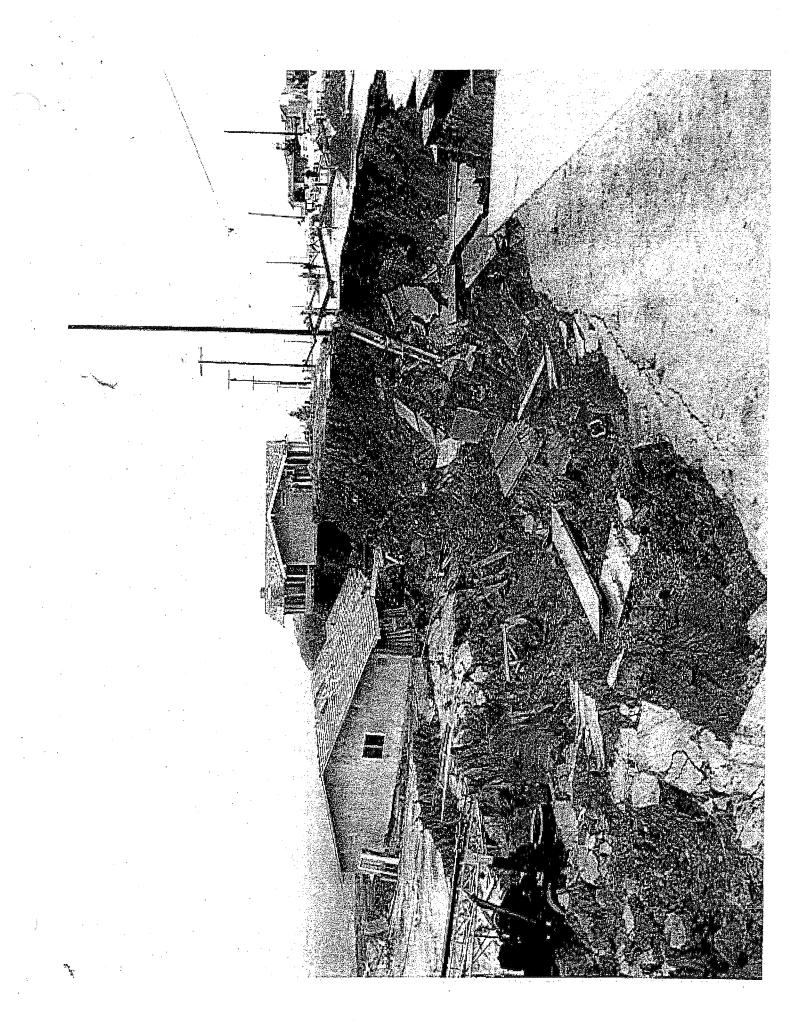


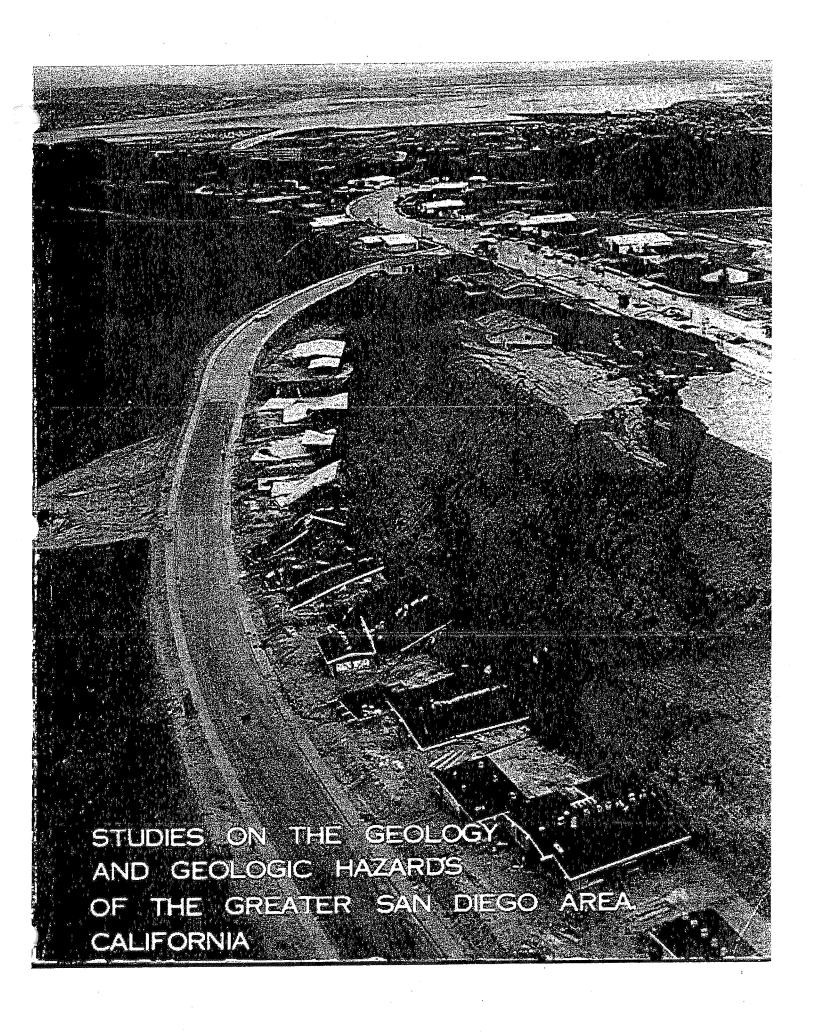


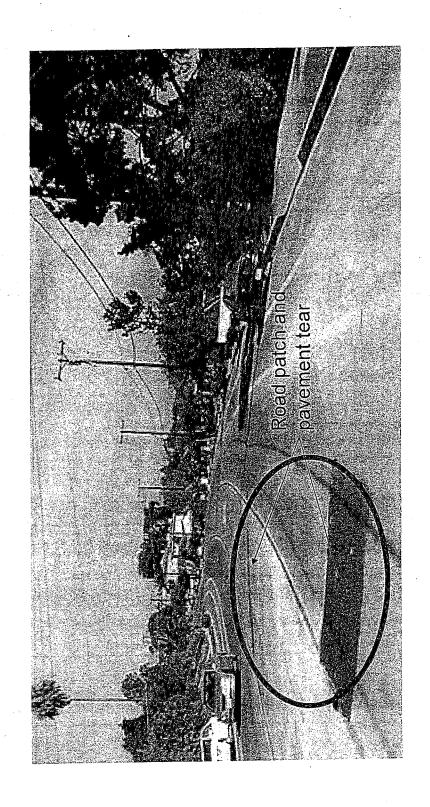


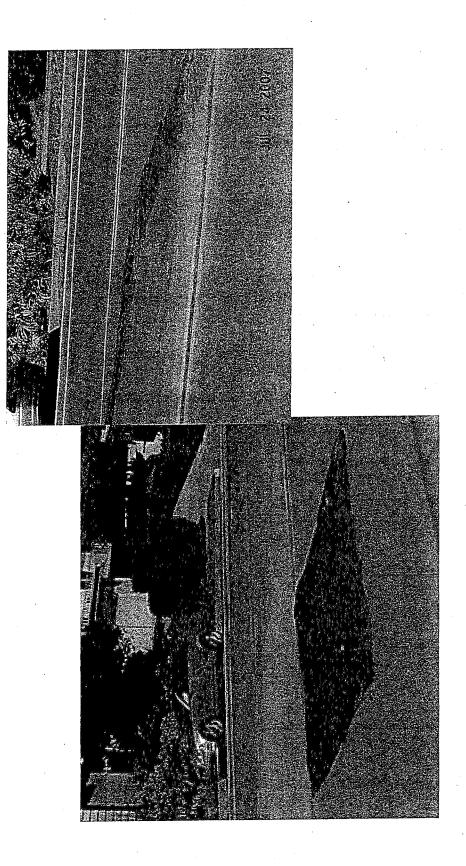


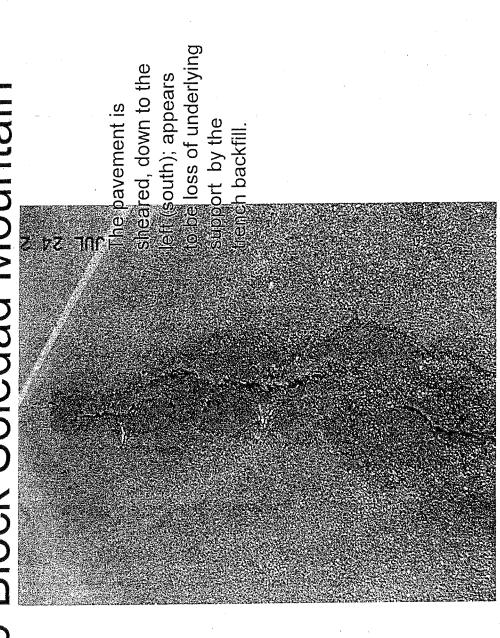




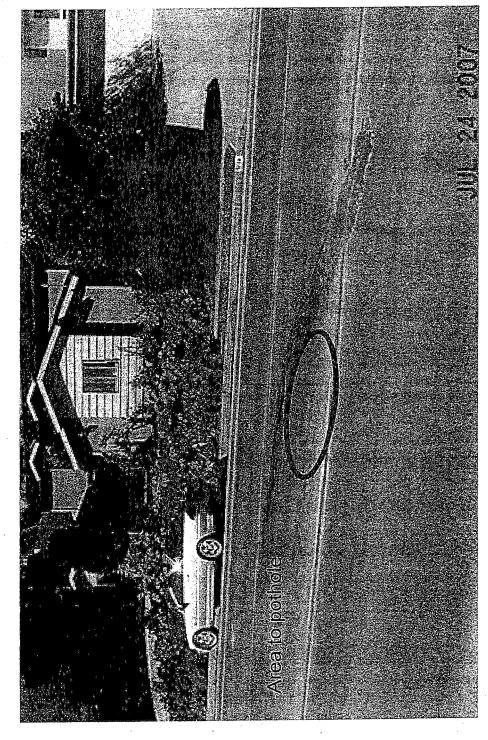




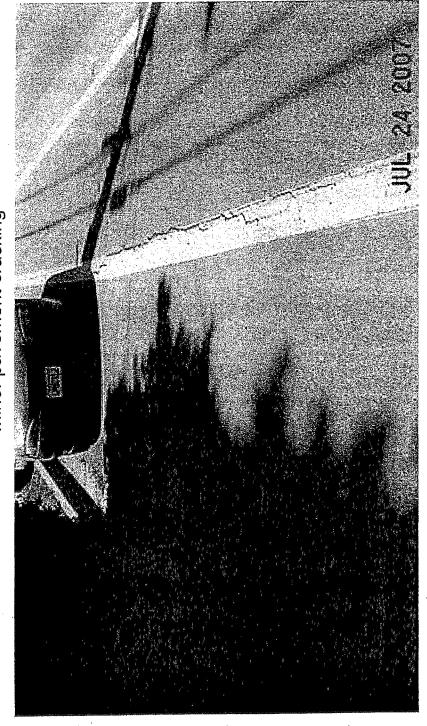




7500 Block Soledad Mountain



Minor pavement cracking

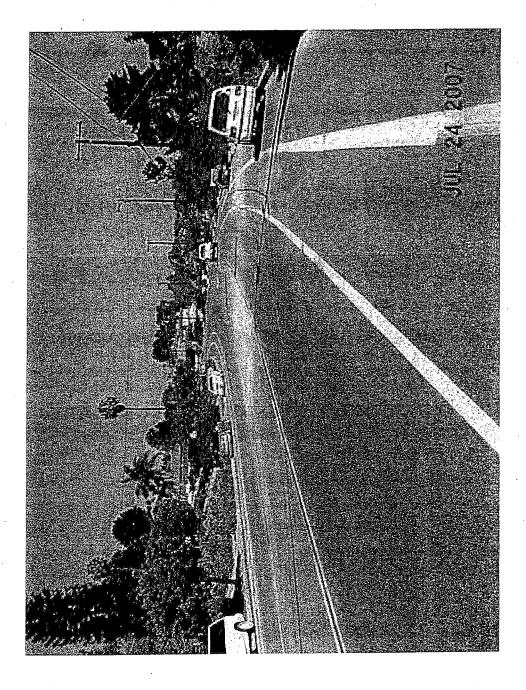


No discernable evidence for large scale gross movement (landslide), or movement ment of public and private improvements





7500 Block Soledad Mountain



From:

Patti Boekamp

To:

Rob Hawk

Date:

7/24/2007 3:34:19 PM

Subject:

Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

I was 2 when that happened (the big one)...so it is the other piece I remember from my early days with the City (sheesh - it's been almost 18 years now....)

>>> Rob Hawk 7/24/2007 3:21:40 PM >>>

In the early '90's, there was a huge litigation where the City paid over 1,000,000 in litigation costs, and we stabilized the road for another 600K with caissons, and replaced the sewer. That failure only involved 5 houses, but was not spectacular as it quit moving once the street was repaired.

The City ended up with one house that we were going to tear down, but which became the "La Jolla Rat House" of the mayoral campaign that was recently demolished last year by REA & ECP (5635 Desert View). I worked on the building permit that started the failure in 1990, 6 months after I began working for the City.

I figured the 1960 failure predated you. You personally, not just your career.

### Roh

>>> Patti Boekamp 7/24/07 3:07 PM >>>

since I remember talk about Desert View Drive, I think some kind of work on the utilities or the street went on in the late 80's or early 90's but it's a dim memory of a name I know enough to ask questions about :-)

### Patti

>>> Rob Hawk 7/24/2007 12:34:26 PM >>>

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Janet

### Jim Barrett - Fwd: Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

From:

Alex Ruiz

To:

Jim Barrett; Jim Fisher

Date:

7/24/2007 3:39 PM

Subject: Fwd: Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

CC:

David Jarrell; Richard Haas; Stan Medina

### Jim F:

Ok.. Would you contact the appropriate staff in MWWD to see if they can televise? But unless it turns up a sewer issue, i think we are going to end up assuming street repair costs. Just seems too close and too coincidental to our blown service. In addition, one could argue that while the tear may have been pre-existing, the blown service likely exacerbated the problem, especially if potholing ends up showing a void.....

but I am still open

Alex

(619) 533-6692 Assistant Director Water Department

>>> Jim Fisher 7/24/2007 3:05:21 PM >>>

Stan Medina and I visited the site yesterday. In addition, we reviewed our records since January 2004 to determine the history in the area from a water perspective.

A review of the records, shows that the blown service (initially reported as a main break) on July 18th is the only water related activity in the immediate area (+/- 1/4 mile) since January 2004. The blown service was approximately 50 feet away from the tear in the street. In addition, Mr. Crab reported that the tear appeared in March 2007. Based on this, our blown service could not have caused the tear in the street.

The tear in the street is located above the sewer main (see attachment). I would recommend requesting MWWD to televise their sewer main to see if they have a problem with it. If they do, they should proceed to repair the street. If not, then the street repair should go to Streets. Jim

>>> Alex Ruiz 7/24/2007 1:19:17 PM >>>

Jim F:

Based upon Rob's conclusions, I would recommend we go ahead and make the indicate repairs to the street. This situation sounds very similar to Marlborough Drive, where our main break discharge traveled along the sewer trenchline causing the failure of the sewer trench. As I recall, we finally made the street repairs in that situation too....

Alex

(619) 533-6692 Assistant Director Water Department

>>> Jim Barrett 7/24/2007 1:10:01 PM >>>

Alex/Jim - doesnt' look like Rob sees a significant problem but is recommending some rework of previous repairs... not sure whether the tear is ours so we may need to coordinate with E&CP... or just go ahead and fix it while we're in the area (as Rob seems to think the tear is indirectly ours). Please let me know your thoughts so I can close with CD1. Thanks, jim

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San Diego, CA 92101-4588
O: 619.533.7555
F: 619.533.7593
jbarrett@sandiego.gov

From:

Patti Boekamp

To:

Jim Barrett

Date:

Wed, Jul 25, 2007 2:05 PM

Subject:

Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

I'm presuming you or Metro will check out the problem deeper - I had Rob go to see if we needed to look at larger scale land movement in that historically problematic area. It seems like he has handled the constituent's questions and concerns for now, but he does recommend more investigative work related to the trench issues.

Patti

### **SWIM Workorder**

Printed on: 10/4/2007

Nature of Complaint									
TELEVISE		Street Name		Suite #	\				
UNSCHEDULED MAINTENANCE	5715 SOLEDAD N	ATN	RD	L	SD				
		Intersection							
	Location Description Water/Sewer								
SR# WO# Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN RO	AD ( CORRECT ADDRESS	S)	S					
3000622 3 CMP 07/26/07 1	Cross Stre								
Fac Type Fac Seq#									
MAIN 8316	Requestor Name	Area Phone # Co	ntact						
			N						
	ES Service Area Service Area	Field Book Pg Grid	4						
Complete	W RC	C12S							
		L							
Sketch	Radio# Orig Radio#	Thos Bros Pg							
habitiga (Commission on principal pr	946 946	1248A2							
•	Job Description	·							
PIPE INTEGRITY / EXTRA SECTION.									
Name Annual Control of the Control o	Special Instructions								
		A 41 O 1 D							
Work Cd Work Code Desc	Action Code	Action Code Desc							
TV TV INSPECT	TV03 TELEVISED	MAIN COND ASSESS							
Motive Equipment Used		Rental Equipment Us	ed						
Equip Nbr Hours	Equipment Type	Operated		Hours					
		Yes No							
		Yes No	1						
			┤ ├──						
11 11		I Vec ( ) No	1 1						
		Yes No	<u> </u>						
Start Date/Time End Date/Time	Department		Employ	rees H	ours				
	Department  DWASTE WATER DEPT		Employ	rees H	ours 1				
		Job Order Number		rees H					
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7/26/2007 13:33:02	O WASTE WATER DEPT  Service Request Comments	Job Order Number  8202		rees H	,				
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7/26/2007 13:33:02	O WASTE WATER DEPT  Service Request Comments	Job Order Number  8202		rees H	,				
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7/26/2007 13:33:02	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDP/	Job Order Number  8202		rees H	,				
7/26/2007 13:33:02 7/26/2007 13:33:02 METRO PER 946 REQ FLUSHER CREW TO FLUSH FSN#8	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDP/	Job Order Number  8202		rees H	,				
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7/26/2007 13:33:02	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDP/	Job Order Number  8202  AGED 8794JKL	3		,				
7/26/2007 13:33:02	Service Request Comments 3307 ON 8"VC MAIN, CAN HOLDPr  Y PROTECTIONMF  Work Order Comments OM OF MAIN @ 4". SOME SMALL 6 2 157" WAS TO TIGHT FOR CAME	Job Order Number  8202  AGED 8794JKL  BREASE ON WALLS. CAMPRA TO PASS, AND WAS N	3 MERA WIOT ABI	/ENT	,				

THIS EXTRA SECTION HAS SOME DEBRIS BOTTOM OF MAIN @ 4". SOME SMALL GREASE ON WALLS. CAMERA WENT UNDERWATER FOR 10". A DIAMETER CHANGE @ 157" WAS TO TIGHT FOR CAMERA TO PASS, AND WAS NOT ABLE TO DO A REVERSE SET-UP DUE TO MAIN DROPS INTO MH#35, NOT ABLE TO GET CAMERA INTO MH#35 GOING U/S.



	Work Order 3000622		Contract Vide		eu cu		Setup 27							
Facility 8316		Operator parker		Van Ref 303005			005	Surveyed On 07/26/2007						
				d min rd.			City	sar	n die	go				
Location	on type	Road	carriag	eway										
	Surface									_				
Survey p	urpose	Spec	ific prob	lems on sewer syst	em related t	o structur	al V	Veat	ner	Dry				
Pipe U:	se Sanit	ary			Sche	ed length	225.0	F	t	From	C12S-040	)	Depth 15.0	) Ft
Shaj	pe Circu	lar			Size 8	by	ins	•		To	C12S-03	5	Depth	Ft
Material Vitrified clay		Joint Spacing Ft			1	Direction Down								
Linii	ng Plast	ic			Year lai	d				Pre-c	lean		Cleaned	
General	note E	dra se	ction							Struct	ural	Service		ctional
Location	note or	dese	rt view o	dr.						Misce	llaneous	Hydraul	lic	
Video	Count	CD	Code				Sev	Fr	То	Value	Remark	s		
00000	0.0		ST	Start of Survey										
00000	0.0		МН	Manhole/Node							C12S-04	10		
00000	0.0		WL	Water level						10				
	4.2		DE	Debris			M							
	33.4		CN	Service Connection	n			02						
68.0 WL W 73.0 CN Sc	Debris (Grease)			S				ON WAL	LS					
	68.0		WL	Water level						0035				
		CN	Service Connection	n		I	11			L				
	123.3		CUB	Camera Submerge	ed Begin		1							
	133.9		CUE	Camera Submerge	ed End									
	156.1		DC	Diameter of sewer	changes					07.5				
	157.5		GO	General observation	on						TOO TIC	SHT FOR	CAM.	
	157.6		SA	Survey abandoned	i		}							

157.6 Ft Total Length Surveyed

Scores

Structural: Total 0 Mean Defect 0 Peak 0 Mean Pipe 0
Service: Total 125 Mean Defect 20.8 Peak 75 Mean Pipe 0.8

Notes

Extra section some debris on the bottom @ 4' some grease on the walls (S), Cam. went under water for 10', a dim. change @ 157' is too tight for the cam. to pass and unable to do rev. setup due to main dropes into m/h 35 and can not get cam. up into this fsn going up/s.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











Printed on: 10/4/2007

Nature of Complaint	Street # Fr Predir S	Street Name	Sfx Suite # Juris
TELEVISE UNSCHEDULED MAINTENANCE	5715 SOLEDAD N		RD SD
UNSCHEDOLED MAINTENANCE	L L	Intersection	
	Location De		Water/Sewer
SR# WO# Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN RO	AD ( CORRECT ADDRESS	S) S
3000622 6 CMP 07/26/07 1	Cross Stree	et Name	
Fac Type Fac Seq #			
MAIN 8317	Requestor Name		ntact N
Complete	ES Service Area Service Area	Field Book Pg Grid	
	W RC	C12S	
Sketch	Radio# Orig Radio#	Thos Bros Pg 1248A2	
Communication Conductivities (Conductivities Conductivities (Conductivities Conductivities Condu	946 946	1240/42	
	Job Description		
PIPE INTEGRITY / EXTRA SECTION		,	
	Special Instructions		
Work Cd Work Code Desc	Action Code	Action Code Desc	
TV INSPECT	TV03 TELEVISED	MAIN COND ASSESS	
Motive Equipment Used		Rental Equipment Us	sed
Equip Nbr Hours	Equipment Type	Operated	Hours
		Yes No	
		◯ Yes ◯ No	
	and a set of a set of the set of	Yes No	
Charl Date/Time End Date/Time	Department	Job Order Number	Employees Hours
Start Date/Time End Date/Time	Department  NWASTE WATER DEPT		Employees Hours
	Department  WASTE WATER DEPT	Job Order Number	
	•		
	•		
	) WASTE WATER DEPT		
7/26/2007 12:27:49	Service Request Comments	8202	
	Service Request Comments	8202	
7/26/2007 12:27:49	Service Request Comments	8202	
7/26/2007 12:27:49	Service Request Comments	8202	
7/26/2007 12:27:49	Service Request Comments	8202	
7/26/2007 12:27:49   7/26/2007 12:27:49   METRO	Service Request Comments	8202	
7/26/2007 12:27:49	Service Request Comments	8202	
7/26/2007 12:27:49   7/26/2007 12:27:49   METRO	Service Request Comments	8202	
7/26/2007 12:27:49   7/26/2007 12:27:49   METRO	Service Request Comments	8202	
7/26/2007 12:27:49   7/26/2007 12:27:49   METRO	Service Request Comments	8202	
7/26/2007 12:27:49	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP.	8202	
7/26/2007 12:27:49   7/26/2007 12:27:49   METRO	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP.	8202	
7/26/2007 12:27:49	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP.	8202	
7/26/2007 12:27:49	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP.	8202	
7/26/2007 12:27:49	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP.	8202	
7/26/2007 12:27:49	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP	8202	
PER 946 REQ FLUSHER CREW TO FLUSH FSN#8  PGED 758. JKL  PER 758, ASSISTED IN FLUSHING MAIN FOR CIT	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP	8202	
7/26/2007 12:27:49	Service Request Comments 307 ON 8"VC MAIN, CAN HOLDP	8202	

60.0 Ft Total Length Surveyed

FH

Scores

60.0

Structural: Service:

Finish of Surveys

Total 0 Mean Defect 0
Total 450 Mean Defect 45

Peak 0 Peak 100

END

Mean Pipe 0 Mean Pipe 7.5

Notes

# Extra section Lots of roots at joints (S,M,L)

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











Printed on: 10/4/2007

Nature of Complaint	Canada E. Dandin Can	eet Name Sfx Suite # Juris
TELEVISE UNSCHEDULED MAINTENANCE	Street # Fr Predir Street # Fr Predir SOLEDAD MTN	
UNSCHEDULED MAINTENANCE		tersection
	Location Desc	cription Water/Sewer
SR# WO# Status Gen Dt Prty	5715 SOLEDAD MAOUNTAIN ROAD	(CORRECT ADDRESS) S
3000622 9 CMP 07/26/07 1	Cross Street N	Name
Fac Type Fac Seq#		
MAIN 5185137	Requestor Name	Area Phone # Contact
		N
- C	ES Service Area Service Area Fi	eld Book Pg Grid
Complete	W RC	C12S
Sketch		hos Bros Pg
	946 946	1248A2
	Job Description	
PIPE INTEGRITY / EXTRA SECTION.		
	Special Instructions	
Work Cd Work Code Desc	Action Code	Action Code Desc
TV TV INSPECT	TV03 TELEVISED MA	AIN COND ASSESS
Motive Equipment Used		Rental Equipment Used
Equip Nbr Hours	Equipment Type	Operated Hours
		Yes O No
		○ Yes ○ No
		Yes No
Control Date Time	Danashmani	Job Order Number Employees Hours
Start Date/Time End Date/Time	Department WASTE WATER DEPT	8202 3 1
7/26/2007 11:21:41 7/26/2007 11:21:41 METRO	WASTE WATER DEFT	3202
	Service Request Comments	
PER 946 REQ FLUSHER CREW TO FLUSH FSN#83	807 ON 8"VC MAIN, CAN HOLDPAGE	=D 8/94JKL
		,
	•	
PGED 758JKL	•	
1 OED 100.01C		
PER 758. ASSISTED IN FLUSHING MAIN FOR CITY	PROTECTIONMF	
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY	PROTECTIONMF	
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY	PROTECTIONMF	
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY	PROTECTIONMF	
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY	PROTECTIONMF	
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY		
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY  TV'D THIS EXTRA SECTION GOING D/S, FOUND E CAMERA COULD NOT PASS. DID A REVERSE SE	Work Order Comments	S. THE LAST JOINT (BELL) @ 101'

Work Order 3000622 Contract					90 CG		Setup 18 Surveyed On 07/26/2007							
Fac	cility 518	35137		Operator p	arker	Van Ref 303005					Survey	ed On 07/	26/200	"
Stre	et Name	5715	soleda	d mtn rd.		City	sar	die	go					İ
Locat	ion type	Road	carriag	eway										
	Surface													ĺ
Survey	ourpose	Spec	ific prob	lems on sewer syst	em related to struct	ural V	/eat	her	Dry					
Pipe L	/se Sanif	ary			Sched leng	th 254.0	F	t	From	C12S-029	)	Depth	15.00	Ft
	pe Circu				Size 8 by	ins	•		To	C12S-384	1	Depth		Ft
	ial Poly		hloride		Joint Spacing	Ft			Direc	tion Dov				
Lin	ing				Year laid				Pre-c	lean	Last C	leaned		
Genera	l note ex	dra se	ctions to	v to assess conditio	n				Struct	ural	Service	Co	nstruct	ional
	note or								Misce	llaneous	Hydrauli	C		
			Code			Sev	Fr	To	Value	Remark	S			
Video	Count 0.0	CD	ST	Start of Survey			Ė		1					
00000	0.0		MH	Manhole/Node		_			<del> </del>	C12S-02	29			
00000	0.0		WL	Water level					1					
00000			RJ	Roots at joint					<u> </u>		·			
	3.5		RJ	Roots at joint										
	4.5		CN	Service Connection			03		<del>                                     </del>					
	5.0		MC				00			TOVC				
	28.6			Material of sewer			-			BACK T	O PVC			
<u> </u>	34.4		MC	Material of sewer	crianges		<u> </u>		<u> </u>	I DATORY I				
<u> </u>	37.9		LL	Bend in pipe left			03	L	<del> </del>					
	62.4		CN	Service Connection		-+-	03		<del>                                     </del>	TOVC				
	93.1		MC	Material of sewer			-	<del> </del>	-	BELL JO	TMIC			
<u></u>	98.3		GO	General observati				<u> </u>		TO PVC				
	100.5		MC	Material of sewer			ļ.—	<u> </u>	ļ					
	101.0		SA	Survey abandone	<u>d</u>		<u> </u>	<u> </u>		CAM CA	N NOT PA	100		
	101.0	Ft	Total L	ength Surveyed										

Scores

Total 0 Total 200 Mean Defect 0 Mean Defect 66.7 Structural: Service:

Peak 0 Peak 100 <u>Mean Pipe 0</u> Mean Pipe 2

Extra section tved d/s found bell joints @ materical changed and at 101' the cam. would not pass.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











Χ

for Ciyt of SD

Mean Defect 0 Mean Defect 0 Peak 0 Peak 0

Work	Work Order 3000622 Contract						Video cd					Setup 19		
F	acility 51	85137		Operator p	arker	ker				Surveyed On 07/26/2007				
Str	reet Name	5715	soleda	d mtn rd.			City	sai	n die	go				
Loca	ation type	Road	i carriag	eway										
	Surface	Chip	seal roa	ıd										
Surve	purpose	Spec	ific prob	lems on sewer syst	em related t	o struct	tural V	Veat	her	Dry				
Pipe	Use Sani	tary			Sch	ed leng	gth 254.0	) F	t	From	C12S-384		Depth	Ft
SI	hape Circi	ılar			Size 8	by	ins	5		To	C12S-029		Depth 15.00	Ft
	erial Poly		hloride		Joint Spa	cina	Ft			Direc	ction Up			
	ning				Year lai	_				Pre-c	lean	Last Cle	aned	
Gene	ral note R	everse	set up	on sheet:18						Struc	tural	Service	Construct	ional
	on note o			,						Misce	ellaneous	Hydraulic		
Video	Count	CD	Code				Sev	Fr	То	Value	Remarks			
00000	0.0		ST	Start of Survey										
00000	0.0		МН	Manhole/Node							C12S-384			
00000	0.0		WL	Water level						1				
	23.5		JD	Joint Displaced			s							
	50.3		MC	Material of sewer	changes						TRO VC			
	51.0		SA	Survey abandoned	j						CAN NOT	PASS		
**************************************	51.0	Ft	Total L	ength Surveyed										

Total 0 Total 0

Notes

Scores

Rev. set up another bell joint stopped cam.

Structural: Service:

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











Mean Pipe 0 Mean Pipe 0

Printed on: 10/4/2007

Nature of Complaint TELEVISE UNSCHEDULED MAINTENANCE  SR # WO # Status Gen Dt Prty 3000622 10 CMP 07/26/07 1  Fac Type Fac Seq # MAIN 8307  Complete Sketch	Street # Fr Predir S 5715 SOLEDAD M  Location De 5715 SOLEDAD MAOUNTAIN RO Cross Street  Requestor Name  ES Service Area Service Area W RC Radio# Orig Radio# 946 946  Job Description	Intersection escription AD ( CORRECT ADDRESS)	Sfx Suite # Juris RD SD  Water/Sewer S act
PIPE INTEGRITY / EXTRA SECTION.	Special Instructions		
Work Cd Work Code Desc  TV INSPECT	Action Code TV03 TELEVISED	Action Code Desc	
Motive Equipment Used Equip Nbr Hours	Equipment Type	Pental Equipment User Operated Yes No Yes No Yes No	Hours
Start Date/Time End Date/Time	Department	Job Order Number E	mployees Hours
7/26/2007 11:16:07	Service Request Comments	8202	2 1
			e.
PGED 758.JKL			
PER 758, ASSISTED IN FLUSHING MAIN FOR CITY	PROTECTIONMF		
THIS EXTRA SECTION HAS A LATERAL W/ ROOT CIRCULAR CRACK AT A JOINT NEAR THE D/E MH	Work Order Comments S FROM IT (LRG.) AND FROM ARG	OUND THE TAP (SM.). ALSO	D A

318.0 Ft Total Length Surveyed

Scores

Peak 100 Peak 95 Mean Pipe 0.3 Mean Pipe 0.3 Mean Defect 50 Total 100 Structural:

Notes

Extra section 1 lateral w/ roots from it (L) and from around the tap (S) also a cir. crack at a joint near the d/e m/h.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











Printed on: 10/4/2007

	ture of Com	plaint		Street #	Fr Pred	dir	Street N	ame	Sfx	Suite	# Juris
TELEVISE UNSCHEDU	LED MAINTE	ENANCE		5715		SOLEDAD	MTN		RD		SD
0,100,11200							Inters	ection			<del></del> -
<b>60.4</b>		atus Gen Dt	Prty	5715 SOI	EDAD M	Location		on DRRECT ADDRI	ESS)		/Sewer
SR # 3000622	WO # Sta	MP 09/25/07	2	57 10 3OL	CDAD IV	Cross Str				<u> </u>	
<u> </u>	Fac Type	Fac Seq#									
	MAIN	8307			Requesto	or Name	Are	Phone #	Contact		
									N		
	Coi	malata				Service Area			<u>Grid</u>		
	****			W		RC		128			
	∏ Ske	etch		Rad		Orig Radio#	1248	Bros Pg			
				94			1240	DA2			
		A IN IO	····	Job	Descrip	tion					
KE-17 10 I	MONITOR M	MINO		Speci	al Instruc	tions					·
ENVIRONM	MENTALLY S	ENSITIVE AREA.	PERMIT				T YOUR	SUPERVISOR F	OR INST	RUCTIO	ONS.
Work Cd		Work Code Des	c	Ad	ction Cod	ie		Action Code D	esc		
	V INSPECT				TV03	TELEVISE	D MAIN	COND ASSESS			
	otive Equipr	mont Used					Re	ntal Equipment	Used		
Equip		Hours			Equip	ment Type		Operated		Hour	rs
								Yes N	0		
								○ Yes ○ N	<u> </u>		
								Yes N			
Start Date/	/Time E	End Date/Time		De	partment	Ł	Job	Yes N	o Emplo		Hours
Start Date/ 9/26/2007 12		End Date/Time 26/2007 13:00:00	METRO	De WASTE V	, 		Job	Yes N	0		Hours 1
			METRO		, 		Job	Yes N	o Emplo		
			METRO		, 		Job	Yes N	o Emplo		
			METRO	WASTE V	VATER D	EPT	Job	Yes N	o Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2			WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00		WASTE V	VATER D	EPT		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	26/2007 13:00:00	H FSN#83	Service 307 ON 8"	Reques	t Comments,		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	16/2007 13:00:00	H FSN#83	Service 307 ON 8"	Reques	t Comments,		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	26/2007 13:00:00	H FSN#83	Service 307 ON 8"	Reques	t Comments,		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	26/2007 13:00:00	H FSN#83	Service 307 ON 8"	Reques	t Comments,		Yes N Order Number 8202	e Emplo		
9/26/2007 12	2:00:00 9/2	26/2007 13:00:00	H FSN#83	Service 307 ON 8"	Reques	t Comments,		Yes N Order Number 8202	e Emplo		

FOUND SOME SMALL ROOTS AT JOINTS, ALSO ROCKS THAT ARE POSS. FROM A LATERAL THAT WAS HIT BY WATER DEPT. ON 09/25/07 WHILE INSTALLING A CUT & PLUG IN FRONT OF 5685 SOLEDAD MNT. RD. CALLED FOR A FLUSHER CREW VIA STA.#38 TO REMOVE THESE ROCKS. \*\* RE-TV'D MAIN AFTER CLEANING (09-26-07) AND FOUND THAT ROCKS HAVE BEEN REMOVED AND THE MAIN IS CLEAR AT THIS TIME.

Work C	Work Order 3000622 Contract				video ca			Setup 10						
Fa	cility 83	07		Operator p	arker	Van Ref 303005			005	Surveyed On 09/26/2007				
Stre	et Name	571	5 soleda	nd mtn. rd.			City	' sar	n die	go				
Locat	tion type	Road	d carriag	geway										
	Surface	Chip	seal ro	ad										
Survey	purpose	Spec	ific prob	olems on sewer syst	em related t	o structur	al V	Veat	her	Dry				
Pipe (	Jse Sanii	tary			Sch	ed lengti	317.	O F	t	From	C12S-025		Depth 15.00	Ft
Sha	ape Circu	ılar			Size 8	by	in	5		To	C12S-026		Depth 15.00	Ft
i	rial Vitrifi		ŧγ		Joint Spa	cing	Ft			Direc	ction Up			
Lin	ina		•		Year la	_				Pre-c	lean	Last Cle	aned	
Genera	al note re	-tv to	monitor	mains						Struc	tural	Service	Construct	tional
}	n note or									Misce	llaneous	Hydraulic		
							Sev		<u></u>	Value	Remark			
Video	Count	CD	Code				Sev	ri	10	Value	Remark	>		
00000	0.0		ST	Start of Survey				<del></del>						
00000	0.0		MH	Manhole/Node	······································		<del> </del>	ļ		ļ	C12S-02	5		
00000	0.0		WL	Water level			ļ	ļ		1				
	23.2		CCJ	Circular Crack at j	oint		S	11	06					
	29.1		CN	Service Connection	n			01	<u> </u>	<u></u>			•	
	65.3		CN	Service Connection	n .			11						
	104.5		CN	Service Connection	n			02			<u> </u>		·	
	108.8		DE	Debris			M							
	114.8		DE	Debris			L				ROCKS			
	129.0		DE	Debris			L				ROCKS			
	129.0		SA	Survey abandoned	j t						CAN NO	TPASS		
	129.0	Ft	Total I	ength Surveyed										

Score

Structural: Total 100 Mean Defect 100 Peak 100 Mean Pipe 0.8

Service: Total 105 Mean Defect 26.3 Peak 75 Mean Pipe 0.8

Found debris (treanch rocks) starting @ 108' and cam. was able to go 129' up/s will do rev. set up.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











City Of SD

Work	Work Order 3000622 Contrac			Video cd						Setup 17		
F	acility 8307		Operator :	parker		Va	n R	ef 303	005	Surveye	d On 09/26/20	007
	eet Name 5				City	/ sa	n die	ego				
Loca	ition type R											
_	Surface C			tom related to atricati	irol la	4/	<b></b> .	Dry				
Survey	purpose S	pecinc pro	oblems on sewer sys	tem related to structu								
,	Use Sanitar			Sched lengt	th 317.	0 F	t		C12S-026		Depth 15.00	
	nape Circula			Size 8 by	in				C12S-025		Depth 15.00	) Ft
	erial Vitrified	clay		Joint Spacing	Ft				tion Dowr			
	ning			Year laid			_	Pre-c		Last Cle	Constru	ntin not
			p on sheet:16					Struc		Service	Constru	Cuoriai
Location	on note on s	oledad m	In. rd.					WIISCE	llaneous	nyuraunc		
Video	Count C	D Cod	9		Sev	Fr	То	Value	Remarks			
00000	0.0	ST	Start of Survey			<u> </u>	ļ_	ļ				
00000	0.0	MH	Manhole/Node			ļ	<u> </u>	<u> </u>	C12S-026			
00000	0.0	ML	Water level			<u> </u>	<u> </u>	1				
	3.1	CB	Break in Connect	ion		10	<u> </u>	<u> </u>				
	3.1	CRA	Roots around Late	eral	S	10	<u> </u>	ļ				
	3.7	RJ	Roots at joint		S	<u> </u>	<u> </u>	<u> </u>				
	38.6	CN	Service Connection	on	_	02	<del></del>	ļ				
	61.3	CN	Service Connection	on		10	<u> </u>	ļ				
	99.1	RJ	Roots at joint		S	<u> </u>	<u> </u>	<u> </u>				
	101.9	RJ	Roots at joint		S	<u> </u>	<u> </u>	ļ				
	106.8	RJ	Roots at joint		S	_	_	<u> </u>				
	110.5	CN	Service Connection	on		02	<u> </u>	ļ				
	112.6	RJ	Roots at joint		S	<u> </u>	<u> </u>	ļ				
	133.3	CN	Service Connection	on		11	<u> </u>	<u> </u>				
	151.0	RJ	Roots at joint		↓ S	<u> </u>	<u> </u>	<del> </del>				
	151.5	RJ	Roots at joint		S	ļ_	<u> </u>					
	169.8	WL	Water level			<u> </u>	<u> </u>	0030				
	174.9	CN	Service Connection			02	ļ	-				
	175.0	GO	General observati	on		<u> </u>	<u> </u>	<del> </del>	<del></del>	OCKS FRO	M LATERAL V	VATER
	190.0	DE	Debris		<u> </u>	ļ	<u> </u>	-	ROCKS			
	191.0	SA	Survey abandone	<u>d</u>	Ш.	<u></u>	<u></u>		CAN NOT	PASS		
	191.0 F	Total	Length Surveyed									
	Scores		Structural:	Total 0	Me	an L	Defe	ct 0	Peak		Mean Pip	
Votes	000,00		Service:	Total 210	Me	an L	)efe	ct 19.1	Peak	25	Mean Pip	e 1.1

Found some roots at joints (S), also rocks poss. from a lateral that was hit by water dept. on 09/25/07 when installing a cut and plug in front of 5685 soledad mtn. rd. called for a flusher crew via sta.38 to remove these rocks.

Clock references: Clock references are given clockwise ie from 10 o'clock to 2 o'clock = 1002. The upper part of a pipe is 0903 and the lower half is 0309. See Illustration below











From:

Melody Shaw-Sydnor

To:

Christopher Toth

Date:

Fri, Jul 27, 2007 8:51 AM

Subject:

Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

Chris, .

Robert Parker televised the mains yesterday. No major problem were found . I will refer a couple of mains to be cleaned for city protection. Thanks. Melody

>>> Christopher Toth 7/25/2007 4:07 PM >>>

Melody, please work to televise the sewer main in this location on Soledad Mt Road. We will forward the results of our cctv investigation to E&CP engineering staff so they can further investigate the road/soil issues after we determine if our sewer pipe is in good condition. thanks, Chris

CC:

Kevin Gensler; Mike Bedard

## Hossein Ruhi - Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

From:

Christopher Toth

To:

Ferrier, Robert; Hawk, Rob; Navarro, Jose; Ruhi, Hossein

Date:

July 27, 2007 10:34 AM

Subject:

Re: Fwd: 5700 Block of Soledad Mt. Road - Concerns of Citizens

from our discussion earlier this week, I understand that now Engr Field Division moves forward to test the street's underlying soil movement issues. Chris

>>> Robert Ferrier 7/27/2007 10:19 AM >>> Chris, Sounds good. What's the next step re the subsidence? RJF

>>> Christopher Toth 7/27/2007 9:07 AM >>>

the sewer mains in this area are reported to be in good shape and not structurally impacted by soil movement. Chris